

Critical Thinking →

CONCEPT FILE

Levels of Organization

Levels

The cell is the basic unit of life activity.

Cells that have similar functions and that work together make up tissues.

Tissues that have similar functions and that work together make up organs.

Organs that have similar functions and that work together make up organ systems.

Organ systems that work together make up organisms.

Vocabulary

- ☐ **organ**—A working group of tissues with similar functions.
- ☐ **organism**—An independent living thing; may be a single cell, often a working group of organ systems.
- ☐ **organ system**—A working group of organs with similar functions.
- ☐ **tissue**—A working group of cells with similar functions.

Tissues

Animal examples

- muscle
- nerve
- bone

Organs

Animal examples

- brain
- heart
- kidney

Plant examples

- leaf
- root

Organ Systems

Animal examples

- digestive system
- circulatory system

Plant example

- flower

Organisms

Animal examples

- squirrel
- worm



Plant examples

- corn
- oak tree



Concept Map: Levels of Organization

Name _____

Date _____ Period ____

Directions: Select words from the word list to fill in the blank map items. Use each word only once, and use all the words on the list. Place plant examples on the left (in the boxes shaped like ) and animal examples on the right (in boxes shaped like )

SHAPE LEGEND

-  Plant feature
-  Animal feature

WORD LIST	
bone	oak tree
brain	ORGANISMS
circulation	ORGANS
corn	ORGAN SYSTEMS
flower	root
kidney	squirrel
leaf	TISSUES
muscle	worm

